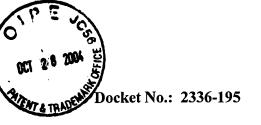
No.: 2336-195

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of		:				
NA, Jeong Seok et al.			Confirmation No. 9972			
U.S. Patent Application No. 10/622,466			: Group Art Unit: 2812			
Filed: July 21, 2003	:	Examiner: Stephen Smoot				
For: METHOD FOR M SUBSTRATE	IANUFACTUR	ING GALLIUM NIT	RIDE(GaN) BASE	ED SINGLE CRYSTA	ALLINE	
Dear Sir:						
Transmitted herewith is an	Amendment ir	the above identified	l application.			
No additional fee is rSmall entity status ofAlso attached:	-	n has been establishe	d.			
The fee has been calculate	d as shown belo					
	NO. OF CLAIMS	HIGHEST PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	FEE	
Total Claims	14	20	0	x \$ 18 =	\$ 0.00	
Independent Claims	1	3	0	$\frac{1}{x} \$ 88 = \frac{1}{x}$	\$_0.00	
If multiple claims newly presented, add \$290.00 Fee for extension of time						
TOTAL REE DIE					Φ 0.00	
TOTAL FEE DUE					\$ 0.00	
A credit card authori	zation form in t	he amount of	is atta	ached		
The Commissioner is communication or counder 37 CFR 1.16 CFR 1.17.	redit any overp	ayment, to Deposit	Account No. 07-1	337, including any	filing fees	
		Respectfully submitted,				
	LOWE HAUPTMAN GILMAN & BERNER, LLP					
		Randy A Noranbro Registration No. 42		Benjamin J. Hauptr Registration No.: 29		

USPTO Customer No. 22429 1700 Diagonal Road, Suite 300 Alexandria, Virginia 22314 (703) 684-1111 BJH/KL/tlh (703) 518-5499 Facsimile Date: October 28, 2004



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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

NA, Jeong Seok et al.

Confirmation No. 9972

U.S. Patent Application No. 10/622,466

Group Art Unit: 2812

Filed: July 21, 2003

Examiner: Stephen Smoot

For:

METHOD FOR MANUFACTURING GALLIUM NITRIDE(GaN) BASED SINGLE

CRYSTALLINE SUBSTRATE

AMENDMENT

COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria VA 22313-1450

Sir:

The following amendments and remarks are submitted in response to the Official Action dated July 28, 2004.